

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

1. **(Currently Amended)** A computer program product located to one or more storage media devices usable to perform integration of method for integrating free text with coded structured data, said method comprising: computer program product comprising instructions executable by a computer to perform the functions of:

accessing a database of data records containing both structured data and unstructured data, the unstructured data including at least some free text, the unstructured data, the unstructured data relating to and independent of the structured data of the data record in which the unstructured data is found;

interpreting the free text linguistically and thematically to generate syntactic roles and thematic roles;

extracting relational facts from the syntactic roles and the thematic roles;

extracting multi-dimensional relational facts from said free text, said multi-dimensional relational facts including a plurality of attributes;

identifying role relationships in said relational facts;

integrating said relational facts with said structured data in the database of data records such that the data records relate the relational facts with the structured data; and

performing an analysis on the data records such that results of the analysis include at least some of the structured data and some of the relational facts.

storing said integrated data on a computer-readable storage medium.

2-3. **(Cancelled)**

4. **(Currently Amended)** A method computer-program-product according to claim 1, further comprising wherein said instructions are further executable to perform the function of applying caseframes while performing said extracting step.

5. **(Currently Amended)** A method computer-program-product according to claim 1, further comprising structuring the relational facts into structured data tuples that can be accessed and analyzed automatically. ~~wherein said instructions are further executable to perform the function of producing a new database containing the integrated data.~~

6. **(Currently Amended)** A method computer-program-product according to claim 1, wherein performing an analysis on the data records such that results of the analysis include at least some of the structured data and some of the relational facts further comprises one or more of:

Identifying uncategorized problems of an entity by correlating the relational facts with the structured data;

correlating the relational facts with structured data associated with sales personnel;

detecting fraud based on an analysis of the data record.

~~wherein said instructions are further executable to perform the function of inserting the produced data into the database of structured data and unstructured data while performing said integrating the produced data.~~

7-8. **(Cancelled)**

9. **(Currently Amended)** A method computer-program-product according to claim 7, wherein the instructions are further executable to produce further comprising producing a file containing the integrated data.

10. **(Currently Amended)** A method computer-program-product according to claim 9, wherein the instructions are further executable to produce further comprising producing a file having a format selected from the group of XML, character separated values, spreadsheet formats and file-based database structures.

11. **(Cancelled)**

12. **(Cancelled)**

13. **(Cancelled)**

14. **(Currently Amended)** A method computer-program-product according to claim 1, wherein said instructions are further executable to perform performing data mining on the data records including the structured data and the relational facts, integrated data.

15. **(Currently Amended)** A method computer-program-product according to claim 1, wherein said instructions are further executable to render further comprising rendering a visual representation all or a part of the integrated data.

16-29. **(Cancelled)**

30. **(Previously Presented)** A method for creating an integrated data product comprising the steps of:

accessing a database of data records containing coded structured data and unstructured data, the unstructured data including at least some free text, the unstructured data, the unstructured data relating to and independent of the structured data of the data record in which the unstructured data is found;

extracting multi-dimensional relational facts from said free text, said multi-dimensional relational facts including a plurality of attributes;

said extracting step including applying caseframes to said free text;

identifying role relationships in said relational facts;

integrating said relational facts with said structured data into integrated data such the relational facts and the structured data can be processed together using analytical processing; and

storing said integrated data on a computer-readable storage medium.

31. **(Previously Presented)** A method as recited in claim 30 further comprising the step of using said integrated data to perform data analytics.